

**ABSTRACT**

Compositions, optionally heat-activated, methods and kits for durable non-permanent shaping of at least one keratinous fiber or for durable retention of a non-permanent shape of at least one keratinous fiber comprising applying to keratinous fibers a composition comprising at least one compound chosen from C<sub>3</sub> to C<sub>5</sub> monosaccharides substituted with at least one C<sub>1</sub> to C<sub>22</sub> carbon chain, and heating the keratinous fibers.